

Definitive Technology®
The Leader in High-Performance Loudspeakers®

C/L/R 2002

Center/Left/Right Professional Audio Video Shielded Loudspeaker

Owner's Manual

Congratulations on your purchase of the Definitive Technology C/L/R 2002 Shielded Center/Left/Right Audio Video Loudspeaker System. This revolutionary loudspeaker utilizes state-of-the-art components (cast basket homopolymer-coned bass-midrange drivers, moving coil ferrofluid-cooled dome high frequency radiators, uniphase crossover networks, etc.), a non-resonant monocoque cabinet and low diffraction construction in order to achieve the most lifelike sound possible in your listening room for many years to come.

The Definitive Technology C/L/R 2002 is a compact high definition loudspeaker system designed for use in audio/video systems of the highest quality. Because of its low profile, wide range, high power handling and articulate clarity, it is ideal for use as a center channel in conjunction with all surround sound decoding systems, including Dolby Pro-Logic, Dolby AC-3, and DTS. In addition, the C/L/R 2002 is ideal for use as a left and right main speaker in all surround sound decoding systems, including Dolby Pro-Logic, Dolby AC-3, and DTS, or as the main speakers in a high quality stereo system.

Please Inspect For Shipping Damage

Each loudspeaker leaves our plant in perfect condition. Any visible or concealed damage most likely occurred in handling after it left our plant and should be reported at once to your Definitive dealer or the shipping company which delivered your loudspeaker.

Connecting Your Loudspeakers

Normal Operation

It is critical for proper performance that all speakers (left, right and center) be connected in proper phase. Each C/L/R 2002 is equipped with two sets of terminals in order to facilitate bi-wiring or bi-amping should you so desire. One set of terminals, marked “high,” is connected to the high frequency crossover and drivers of the system. The other set, marked “low,” is connected to the low frequency crossover and drivers of the system. In normal operation there will be a jumper connecting the two red (+) terminals and a jumper connecting the two black (-) terminals on the crossover.

With the jumpers in place, simply connect either of the red (+) terminals of each speaker to the red (+) terminal of its channel on your amplifier or receiver, and either of the black (-) terminals of each speaker to the black (-) terminal of its channel on your amplifier or receiver. It is essential that all speakers be connected in the same way to the amplifier (in phase). If you experience a great lack of bass, it is likely that one speaker is out of phase with the other.

Usually if distortion is heard when the speakers are being driven at loud levels, it is caused by driving (turning up) the amplifier too loud and not driving the speakers with more power than they can handle. Remember, most amplifiers put out their full rated power well before the volume control is turned all the way up! If your speakers distort when you play them loud, turn down the amplifier or get a bigger one.

Bi-Wire Operation

The concept of bi-wiring is that higher sonic performance (greater inner detail, higher definition, increased transparency, and improved depth) is achieved by utilizing two sets of wires to connect each loudspeaker to its channel of your amplifier or receiver. One set is connected to the high frequency crossover and drivers (marked “high”) and the other set is connected to the low frequency crossover and drivers (marked “low”). If you choose this method of operation, remove both sets of jumpers from each crossover before connecting the speakers to your amplifier or receiver. Take care to ensure that both red (+) terminals of each speaker are connected to the red (+) terminal of the appropriate channel of your amplifier using one conductor of each of the two sets of wires for each channel, and that both black (-) terminals of each speaker are connected to the black (-) terminal of its appropriate channel of your amplifier using the other conductor of each of the two sets of wires for each channel. Please bear in mind that using different types of cables for the low and high frequency hookups may alter the frequency balance of the loudspeaker as intended by the designer. This may, however, be to your liking if you prefer your speakers brighter or less bright sounding. Using a heavier gauge (lower resistance) wire on the low frequency section and a lighter gauge (higher resistance) wire on the high frequency section will result in a less bright sound, while switching the wires will result in a brighter sound.

Speaker Break-In

Your C/L/R 2002s should sound good right out of the box; however, an extended break-in period of 20-40 hours or more of fairly loud playing is required to reach full performance capability. Break-in allows the suspensions to work in and results in fuller bass, a more open “blossoming” midrange and smoother high frequency reproduction.

Positioning the C/L/R 2002s in Your Room

For Center Channel Use

The C/L/R 2002, when used singly for center channel use, can be placed horizontally or vertically above or below the TV. When used as center channel pairs, the C/L/R 2002s should be placed on either side of the TV, or above and below it.

For Main Left and Right Use

The C/L/R 2002 is a high quality, full-range speaker system which, in addition to its use as a center channel in home theater systems, can also be used as a left and right main speaker in all home theater systems as well as conventional two channel audio systems. When the C/L/R 2002 is used as a left and right main speaker, it may be positioned either vertically or horizontally.

Installing the Logo

Because the C/L/R 2002 can be used either vertically or horizontally, the logo is supplied separately. Holes are provided for installation when the speaker is used horizontally. These are located under the grill cloth at the center of the lower edge at the front of the speaker approximately 11/16" up from the edge and 1 1/2" apart. Locate the logo over these two holes and gently tap it in through the grill cloth.

Installing the Feet/Angling Device

The C/L/R 2002 is supplied with brass inserts designed to go into the bottom of the speaker to hold adjustable feet which hold the speaker above the surface it is placed on as well as give you the option of angling the speaker up or down to point directly at the listeners. Install three of these inserts in the bottom of the speakers. There are predrilled holes on the bottom of the speaker under the grill cloth (when the speaker is positioned horizontally). Simply locate the holes. Two holes are approximately 2" back from the front and 12" apart. You also have a choice for the rear hole depending on the depth of the surface you will place the speaker on. One is located farther back than the other. Select one of these holes. Gently tap the inserts in through the grill cloth and screw the feet in.

Technical Assistance

It is our pleasure to offer assistance if you have any questions regarding your C/L/R 2002s or their set-up. Please contact your nearest Definitive Technology dealer or contact us directly at 410-363-7148.

Service

Service and warranty work on your Definitive loudspeakers will normally be performed by your local Definitive Technology dealer. If, however, you wish to return the speaker to us, please contact us first, describing the problem and requesting authorization as well as the locations of the nearest factory service center. **Please note that the address given in this booklet is the address of our offices only. Under no circumstances should loudspeakers be shipped to our offices or returned without contacting us first and obtaining return authorization.**

Definitive Technology Offices
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Owings Mills, Maryland 21117
Phone: 410-363-7148

C/LR 2002 Specifications

Dimensions	21 ³ / ₄ "H x 6 ³ / ₄ "W x 12"D
Frequency Response	30 Hz – 30 kHz
Efficiency	91 dB
Nominal Impedance	Compatible with 8 ohms
Driver Complement	Two 14 cm cast-basket bass-midrange drivers, a 25 mm pure aluminum dome in D'Appolito Array.

Recommended

Associated Amplification 20 – 250 watts/channel

Limited Warranty: 5-Years for Drivers and Cabinets, 3-Years for Electronic Components

Definitive Technology warrants to the original retail purchaser only that this Definitive Technology Loudspeaker Product (the "Product") will be free from defects in materials and workmanship for a period of five (5) years covering the drivers and cabinets, and three (3) years for the electronic components from the date of the original purchase from a Definitive Technology Authorized Dealer. However, this warranty will automatically terminate prior to the expiration of five (5) years for the drivers and cabinets and three (3) years for the electronic components if the original retail purchaser sells or otherwise transfers the Product to any other party. The original retail purchaser shall hereinafter be referred to as "you." Defective Products must be shipped, together with proof of date of purchase, prepaid insured to the Authorized Dealer from whom you purchased the Product, or to the nearest factory service center. Product(s) must be shipped in the original shipping container or its equivalent; in any case the risk of loss or damage in transit is to be borne by you. If, upon examination at the Factory or a Definitive Technology Authorized Dealer, it is determined that the unit was defective in materials or workmanship at any time during this Warranty period, Definitive Technology or the Definitive Technology Authorized Dealer will, at its option, repair or replace this Product at no additional charge, except as set forth below. All replaced parts and Product(s) become the property of Definitive Technology. Product(s) replaced or repaired under this Warranty will be returned to you, within a reasonable time, freight collect.

This Warranty does not include service or parts to repair damage caused by accident, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defects in materials or workmanship, or service, or repair or modification of the Product which has not been authorized by Definitive Technology. Definitive Technology makes no Warranty with respect to its Products purchased from dealers or outlets other than Definitive Technology Authorized Dealers. This Warranty is in lieu of all other expressed Warranties. If this Product is defective in material or workmanship as warranted above, your sole remedy shall be repair or replacement as provided above. In no event will Definitive Technology be liable to you for any incidental or consequential damages arising out of the use or inability to use the Product, even if Definitive Technology or a Definitive Technology Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation may not apply to you.

All implied warranties on the Product are limited to the duration of this expressed Warranty. Some states do not allow limitation on how long an implied Warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you also may have other rights which vary from state to state.



This product complies with the essential requirements of the EMC directive 89/336/EEC.